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Disclosure Statement

MAY 0 9 2002

ATTY. DKT. NO. 5659-08100/

APPLICANT: Stegemeirer, et al.

SERIAL NO. 09/841,437

GROUP: 3672

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

|                   |              | PADEMARY        | U.S. PATENT | DOCUMENTS        |       |              |                               |
|-------------------|--------------|-----------------|-------------|------------------|-------|--------------|-------------------------------|
| EXAM.<br>INITIALS | REF.<br>DES. | DOCUMENT NUMBER | DATE        | NAME             | CLASS | SUB<br>CLASS | FILING DATE IF<br>APPROPRIATE |
| 69                | C1           | 1,269,747       | 6/1918      | Rogers           |       |              |                               |
| 1                 | C2           | 1,457,479       | 6/1923      | Wolcott          |       |              |                               |
|                   | . C3         | 1,634,236       | 6/1927      | Ranney           |       | HEC          | EIVED                         |
|                   | C4           | 2,630,307       | 3/1953      | Martin           |       | MAY          | 1 3 2002                      |
|                   | C5           | 2,685,930       | 8/1954      | Albaugh          |       |              | 1                             |
|                   | C6           | 2,703,621       | 3/1955      | Ford             |       | 9110         | <del>JP 3600</del>            |
|                   | C7           | 2,771,954       | 11/1956     | Jenks et al.     |       |              |                               |
|                   | C8           | 2,793,696       | 5/1957      | Morse            |       |              |                               |
|                   | C9           | 2,890,754       | 6/1959      | Hoffstrom et al. |       |              |                               |
|                   | C10          | 2,890,755       | 6/1959      | Eurenius et al.  |       |              |                               |
|                   | C11          | 2,906,340       | 9/1959      | Herzog           |       |              |                               |
|                   | C12          | 2,932,352       | 4/1960      | Stegemeier       |       |              |                               |
|                   | C13          | 2,958,519       | 11/1960     | Hurley           |       |              |                               |
|                   | C14          | 3,010,513       | 11/1961     | Gerner           |       |              |                               |
|                   | C15          | 3,010,516       | 11/1961     | Schleicher       |       |              |                               |
|                   | C16          | 3,036,632       | 5/1962      | Koch et al.      |       |              |                               |
|                   | C17          | 3,044,545       | 7/1962      | Tooke            |       |              |                               |
|                   | C18          | 3,061,009       | 10/1962     | Shirley          |       |              |                               |
|                   | C19          | 3,062,282       | 11/1962     | Schleicher       |       |              |                               |
|                   | C20          | 3,084,919       | 4/1963      | Slater           |       |              |                               |
|                   | C21          | 3,113,619       | 12/1963     | Reichle          |       |              |                               |
|                   | C22          | 3,116,792       | 1/1964      | Purre            |       |              |                               |
|                   | C23          | 3,120,264       | 2/1964      | Barron           |       |              |                               |
|                   | C24          | 3,127,935       | 4/1964      | Poettmann et al  |       |              |                               |
|                   | C25          | 3,127,936       | 4/1964      | Eurenius         |       |              |                               |
|                   | C26          | 3,132,692       | 5/1964      | Marx et al.      |       |              |                               |
|                   | C27          | 3,205,944       | 9/1965      | Walton           |       |              |                               |
|                   | C28          | 3,233,668       | 2/1966      | Hamilton et al.  |       |              |                               |
|                   | C29          | 3,273,640       | 9/1966      | Huntington       |       |              |                               |
| 09                | C30          | 3,275,076       | 9/1966      | Sharp            |       |              |                               |

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SERIAL NO. 09/841,437

GROUP: 3672

APPLICANT: Stegemeirer, et al.

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

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|--|--------------|----------------|---------|-------------------|-------|--------------|-------------------------------|
| EXAM.<br>INITIALS                                    | REF.<br>DES. | DOCUMENTATIONS | DATE    | NAME              | CLASS | SUB<br>CLASS | FILING DATE IF<br>APPROPRIATE |
| 69   | C31          | 3,294,167      | 12/1966 | Vogel             |       |              |                               |
| Ĺ  | C32          | 3,352,355      | 11/1967 | Putman            |       |              |                               |
|  | C33          | 3,379,248      | 4/1968  | Strange           |       | RE           | CEIVED                        |
|  | C34          | 3,605,890      | 9/1971  | Holm              |       | i            |                               |
|  | C35          | 3,617,471      | 11/1971 | Schlinger et al.  |       |              | Y 1 3 2002                    |
|  | C36          | 3,661,423      | 5/1972  | Garrett           |       | GRC          | UP SOU)                       |
|  | C37          | 3,770,398      | 11/1973 | Abraham et al.    |       |              | -                             |
|  | C38          | 3,882,941      | 5/1975  | Pelofsky          |       |              |                               |
|  | C39          | 3,948,319      | 4/1976  | Pritchett         |       |              |                               |
|  | C40          | 3,954,140      | 5/1976  | Hendrick          |       |              |                               |
|  | C41          | 3,986,349      | 10/1976 | Egan              |       |              |                               |
|  | C42          | 3,999,607      | 12/1976 | Pennington et al. |       |              |                               |
|  | C43          | 4,008,762      | 2/1977  | Fisher et al.     |       |              |                               |
|  | C44          | 4,019,575      | 4/1977  | Pisio et al.      |       |              |                               |
|  | C45          | 4,026,357      | 5/1977  | Redford           |       |              |                               |
|  | C46          | 4,049,053      | 9/1977  | Fisher et al.     |       |              |                               |
|  | C47          | 4,057,293      | 11/1977 | Garrett           |       |              |                               |
|  | C48          | 4,067,390      | 1/1978  | Camacho et al.    |       |              |                               |
|  | C49          | 4,069,868      | 1/1978  | Теггу             |       |              |                               |
|  | C50          | 4,084,637      | 4/1978  | Todd              |       |              |                               |
|  | C51          | 4,114,688      | 9/1978  | Terry             |       |              |                               |
|  | C52          | 4,144,935      | 3/1979  | Bridges et al.    |       |              |                               |
|  | C53          | 4,183,405      | 1/1980  | Magnie            |       |              |                               |
|  | C54          | 4,228,854      | 10/1980 | Sacuta            |       |              |                               |
|  | C55          | 4,243,101      | 1/1981  | Grupping          |       |              |                               |
|  | C56          | 4,277,416      | 7/1981  | Grant             |       |              |                               |
|  | C57          | 4,306,621      | 12/1981 | Boyd et al.       |       |              |                               |
|  | C58          | 4,324,292      | 4/1982  | Jacobs et al.     |       |              |                               |
| 69   | C59          | 4,344,483      | 8/1982  | Fisher et al.     |       |              |                               |

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List of Patents and Publications

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ATTY. DKT. NO. 5659-08100/

APPLICANT: Stegemeirer, et al.



SERIAL NO. 09/841,437

GROUP: 3672

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

| U.S. PATENT DOCUMENTS |              |                 |         |                   |       |              |                               |
|-----------------------|--------------|-----------------|---------|-------------------|-------|--------------|-------------------------------|
| EXAM.<br>INITIALS     | REF.<br>DES. | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUB<br>CLASS | FILING DATE IF<br>APPROPRIATE |
| <u>G</u> 2.           | C60          | 4,353,418       | 10/1982 | Hoekstra et al.   |       |              |                               |
| 1                     | C61          | 4,384,613       | 5/1983  | Owen et al.       |       |              |                               |
|                       | C62          | 4,396,062       | 8/1983  | Iskander          |       | R            | CEIVED                        |
|                       | C63          | 4,397,732       | 8/1983  | Hoover et al.     |       |              | MV 1 3 2002                   |
|                       | C64          | 4,444,255       | 4/1984  | Geoffrey et al.   |       |              | HI I 9 5005                   |
|                       | C65          | 4,448,251       | 5/1984  | Stine             |       | GH           | DUP 3600                      |
|                       | C66          | 4,448,252       | 5/1984  | Stoddard et al.   |       |              |                               |
|                       | C67          | 4,457,365       | 7/1984  | Kasevich et al.   |       |              |                               |
|                       | C68          | 4,476,927       | 10/1984 | Riggs             |       |              |                               |
|                       | C69          | 4,485,869       | 12/1984 | Sresty et al.     |       |              |                               |
|                       | C70          | 4,524,826       | 6/1985  | Savage            |       |              |                               |
|                       | C71          | 4,549,396       | 10/1985 | Garwood et al.    |       | <u> </u>     |                               |
|                       | C72          | 4,573,530       | 3/1986  | Audeh et al.      |       |              |                               |
|                       | C73          | 4,576,231       | 3/1986  | Dowling et al.    |       |              |                               |
|                       | C74          | 4,592,423       | 6/1986  | Savage et al.     |       |              |                               |
|                       | C75          | 4,608,818       | 9/1986  | Goebel et al.     |       |              |                               |
|                       | C76          | 4,637,464       | 1/1987  | Forgac et al.     |       |              |                               |
|                       | C77          | 4,651,825       | 3/1987  | Wilson            |       |              |                               |
|                       | C78          | 4,662,438       | 5/1987  | Taflove et al.    |       |              |                               |
|                       | C79          | 4,662,439       | 5/1987  | Puri              |       |              |                               |
|                       | C80          | 4,662,443       | 5/1987  | Puri et al.       |       |              |                               |
|                       | C81          | 4,691,771       | 9/1987  | Ware et al.       |       |              |                               |
|                       | C82          | 4,704,514       | 11/1987 | Van Edmond et al. |       |              |                               |
|                       | C83          | 4,772,634       | 9/1988  | Farooque          |       |              |                               |
|                       | C84          | 4,787,452       | 11/1988 | Jennings, Jr.     |       |              |                               |
|                       | C85          | 4,817,711       | 4/1989  | Jeambey           |       |              |                               |
|                       | C86          | 4,818,370       | 4/1989  | Gregoli et al.    |       |              |                               |
|                       | C87          | 4,928,765       | 5/1990  | Nielson           |       |              |                               |
|                       | C88          | 5,064,006       | 11/1991 | Waters et al.     |       |              |                               |
| 69                    | C89          | 5,082,054       | 1/1992  | Kiamanesh         |       |              |                               |

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ATTY. DKT. NO. 5659-081004

APPLICANT: Stegemeirer, et al.

GROUP: 3672

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|                   |              | TRADEMA   | U.S. PATENT     | DOCUMENTS                  |             | •         |             |                            |
|-------------------|--------------|---|-----------------|----------------------------|-------------|-----------|-------------|----------------------------|
| EXAM.<br>INITIALS | REF.<br>DES. | DOCUMENT NUMBER   | DATE            | NAME                       | CLASS       | SU<br>CLA |             | ILING DATE I<br>PPROPRIATE |
| GG'               | C90          | 5,082,055   | 1/1992          | Hemsath                    |             | <u> </u>  |             |                            |
| ĺ                 | C91          | 5,217,076   | 6/1993          | Masek                      |             |           |             |                            |
|                   | C92          | 5,261,490   | 11/1993         | Ebinuma                    |             | RF        | EC          | FIVED                      |
|                   | C93          | 5,285,846   | 2/1994          | Mohn                       |             |           | MAN         | <del>1 3 2002</del>        |
|                   | C94          | 5,289,882   | 3/1994          | Moore                      |             | 1         |             |                            |
|                   | C95          | 5,411,104   | 5/1995          | Stanley                    |             | GR        | OL          | JP 3600                    |
|                   | C96          | 5,632,336   | 5/1997          | Notz et al.                |             |           |             |                            |
|                   | C97          | 5,713,415   | 2/1998          | Bridges                    |             | ļ         |             |                            |
|                   | C98          | 6,328,104   | 12/2001         | Graue                      |             |           |             | `                          |
|                   | Dl           | 3,149,670   | 9/1964          | Grant                      |             |           |             |                            |
|                   | D2           | 3,380,913   | 4/1968          | Henderson                  |             |           |             |                            |
|                   | D3           | 3,794,116   | 2/1974          | Higgins                    |             |           |             |                            |
|                   | D4           | 4,197,911   | 4/1980          | Anada                      |             |           |             |                            |
|                   | D5           | 4,412,124   | 10/1983         | Kobayashi                  |             |           |             |                            |
| 69                | D8           | 3,316,962   | 5/1967          | Lange                      |             |           |             |                            |
| <u> </u>          |              | I   | FOREIGN PATE    | ENT DOCUMENTS              |             |           |             |                            |
| EXAM.<br>NITIALS  | REF.<br>DES. | DOCUMENT NUMBER   | DATE            | COUNTRY                    | CL          | ASS       | SUB<br>CLAS |                            |
| 69                | C99          | 2,015,460   | 10/1991         | CA                         |             |           |             |                            |
|                   | C100         | 940558 A1   | 9/1999          | EP                         |             |           |             |                            |
|                   | C101         | 01/81723 A1   | 11/2001         | wo                         |             |           |             |                            |
|                   | C102         | 01/81505 A1   | 11/2001         | wo                         |             |           |             |                            |
| i                 | D6           | 1,165,361   | 4/1984          | CA                         |             |           | -           |                            |
| G9                | D7           | 1,168,283   | 5/1994          | CA                         |             |           |             |                            |
|                   |              | OTHER ART (I  | ncluding Author | , Title, Date, Pertinent P | ages, Etc.) |           |             |                            |
| <b>69</b>         |              | Appalachian Coals: Potential I<br>Enhancing CBM Production; ( |                 |                            |             |           |             |                            |
| GG                |              | The Pros and Cons of Carbon Sequestration Technologies; C     | Dioxide Dumping | Global Warming Concern     | s Have Stim | nulated   | a Sear      | ch for Carbon              |

## EXAMINER:

C104 PA

## DATE CONSIDERED:

Pilot Test Demonstrates How Carbon Dioxide Enhances Coal Bed Methane Recovery, Lanny Schoeling and Michael

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C105 McGovern, Petroleum Technology Digest, September 2000, p. 14-15.

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|--|--|---|--------------------------------|--------------------------|--|--|--|--|
| List of Patent   | s and Pu   | ublications   |                                |                          |  |  |  |  |
| For Applicant's Information                                      |  |   | APPLICANT: Stegemeirer, et al. | GROUP: 3672              |  |  |  |  |
| Disclosure St  | atement  | MAY 0 9 2002  | البيو ا                        |                          |  |  |  |  |
| (Use several s   | sheets if  |   | FILING DATE: April 24, 2001    |                          |  |  |  |  |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) |  |   |                                |                          |  |  |  |  |
| •  | * TRADESIA   |   |                                |                          |  |  |  |  |
| GG   |  | In Situ Measurement of Some Thermoporoelastic Parameters of a Granite, Berchenko et al., Poromechanics, A Tribute |                                |                          |  |  |  |  |
| C106 to Maurice Biot, 1998, p. 545-550.                          |  |   |                                |                          |  |  |  |  |
| 1.0  | Conversion characteristics of selected Canadian coals based on hydrogenation and pyrolysis experiments, W.   |   |                                |                          |  |  |  |  |
| <i>G7</i>  | Conversion characteristics of selected Canadian coals based on hydrogenation and pyrolysis experiments, W. C107 Kalkreuth, C. Roy, and M. Steller. Geological Survey of Canada, Paper 89-8, 1989, pages 108-114, XP001014535 |   |                                |                          |  |  |  |  |
|  | Passey et al., US Patent Application Publication 2001/0049342 A1, December 6, 2001.  |   |                                |                          |  |  |  |  |
|  | לע   |   |                                |                          |  |  |  |  |
| 69   | D10 Tar and Pitch, G. Collin and H. Hoeke. Ullmann's Encyclopedia of Industrial Chemistry, Vol. A 26, 1995, p. 91-127.   |   |                                |                          |  |  |  |  |

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